PlanWorks Setup

Note: The examples outlined below use `XXX/PlanWorks/PSUI/test/Light` as the project directory.

The first step is to have EUROPA create at least one *Planning Sequence* (a set of log files) for PlanWorks. In the `PlanWorks.cfg` file (in the project directory), turn on logging by setting the *AutoWrite*, *StepsPerWrite*, and *WriteFinalStep* variables. For example:

```
<AutoWrite value="1"/>
<StepsPerWrite value="1"/>
<WriteFinalStep value="1"/>
```

The above choices will log details for every single step the planner takes. For large plans, this is impractical and *StepsPerWrite* can be set to a higher number (in which case, setting *WriteFinalStep* to 1 is more important to be sure the final step is recorded).

Now create the logs by running EUROPA. Type `jam` in the project directory. This should create a new subdirectory (called 'plans' unless you changed the default setting in `PlanWorks.cfg`) in which there will be a newly created directory containing the logged information for this run. Running `jam` again will create a second subdirectory of plans, etc.
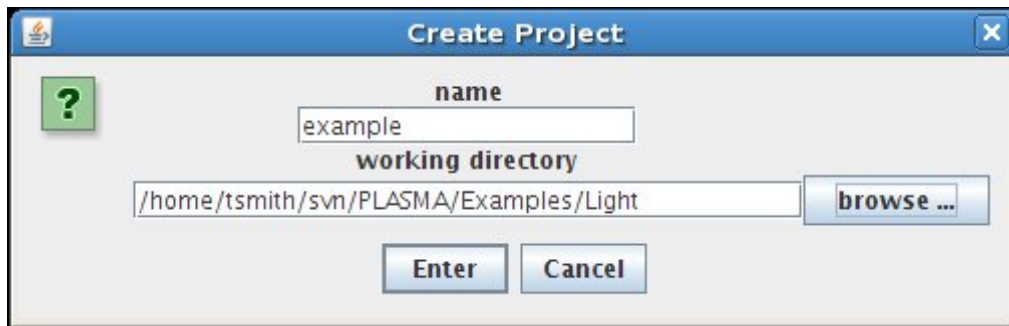
To build and run PlanWorks, run *ant* in the PlanWorks directory. This should bring up the following screen:

NOTE: For reasons we can't fathom, you may need to add the following to your environment (explicitly setting a variable that is already there!):
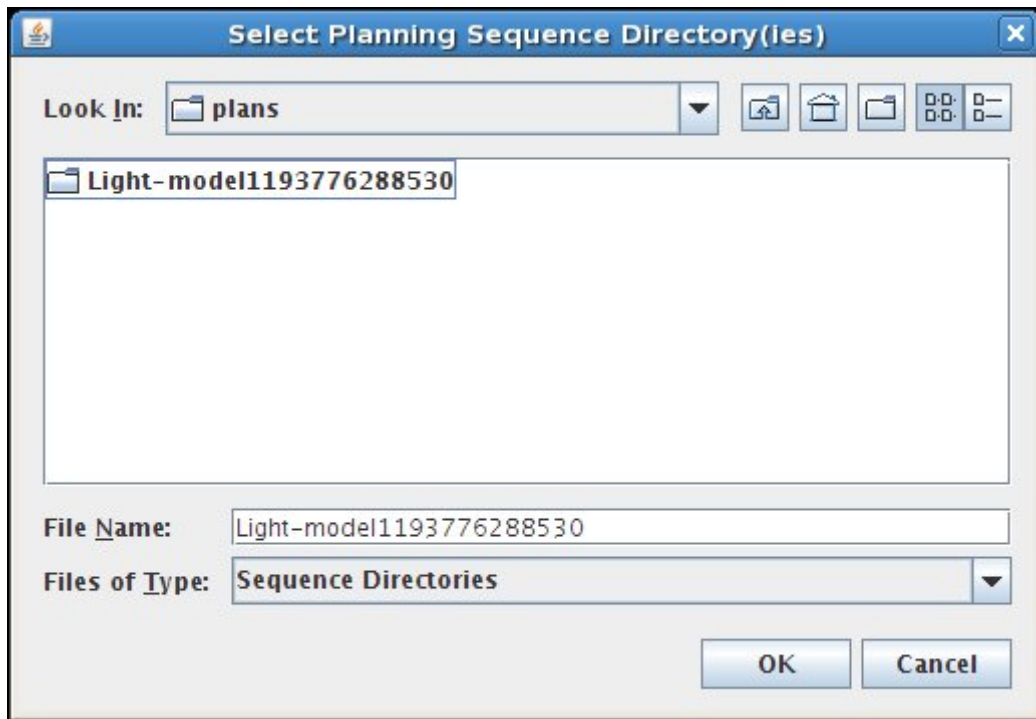
```
export OSTYPE=$OSTYPE
```

The next step is to load the above project. Select **Project -> Create...** which brings up the following window:

Make up any name for your project. The working directory is the one that contains all your project files. Click **Enter** and the *Select Planning Sequence Dialog* will come up:

The aboved sequence directory chooser (also invoked by **Project->Add Sequence**) supports multiple selection of sequence directories, by using Ctrl-Mouse-Left for the second and subsequent selections. Mouse-left is used for the first selection and Mouse-Left-Double is used to open directories. A single selection can be made on a directory, whose children are all sequence directories.

When selection is complete, click on **OK**. The selected sequence(s) are then loaded into the MySQL data base. Pull-down menu **Planning Sequence** will be created, which is a cascading menu of loaded *sequence names*.

You are now ready to begin inspecting planner results.